

1st october, 1904

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[§§ 12389 to 12420.]

[Issued with Army Orders, dated 1st October, 1904.]

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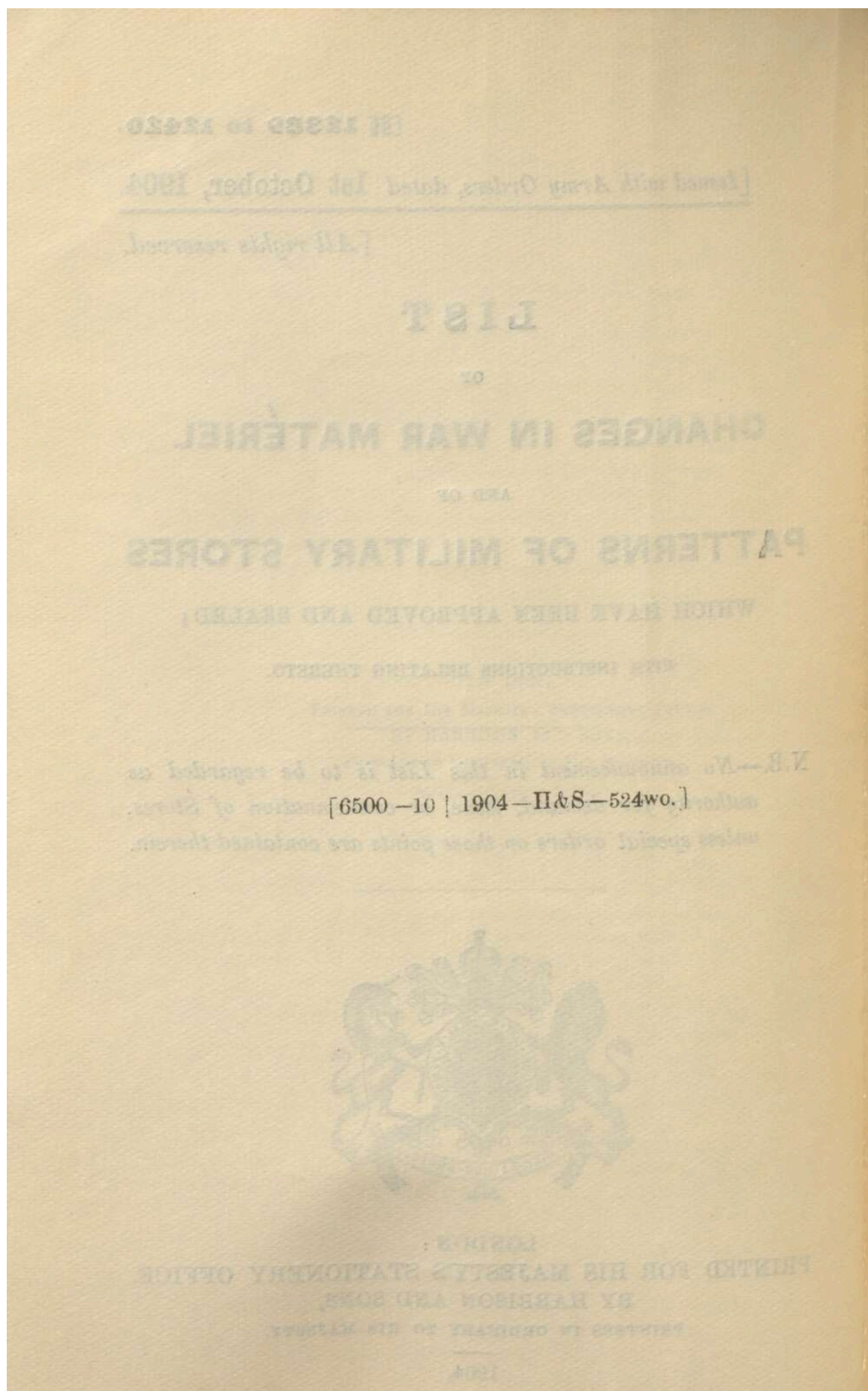
LIST
OF
CHANGES IN WAR MATÉRIEL
AND OF
PATTERNS OF MILITARY STORES
WHICH HAVE BEEN APPROVED AND SEALED,
WITH INSTRUCTIONS RELATING THERETO.

N.B.—*No announcement in this List is to be regarded as authority for demand, issue, or condemnation of Stores, unless special orders on those points are contained therein.*



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1904.



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927

1st October, 1904.

[§§ 12389 to 12420.]

(WOOLWICH SECTION, No. 1.)

12389.—Bandolier equipment, pattern 1903:—				
Bandolier, 50 rounds.				
(Mark I.)	..	..	L	Brown leather, with five pockets and steadying strap, two buckles and runner.
Belt, waist. (Mark I.)			L	Brown leather, with buckle and runner; also for Cavalry pistol.
Pockets, cartridge—				
15 rounds. (Mark I.)			L	} Brown leather.
10 rounds. (Mark I.)			L	
Strap, greatcoat.				
(Mark I.)	..	..	L	Brown leather, 37 inches by $\frac{3}{4}$ inch, with double roller buckle.
Carrier, greatcoat.				
(Mark I.)	..	..	L	Web.
Cover, mess tin, dismounted men.				
(Mark II.)	..	..	L	Canvas, with loops for waistbelt.

Patterns of the above-mentioned articles have been sealed to govern future manufacture.

20th Oct. 1903.

54

Gen. No.

9146

9122

Bandolier.—The bandolier is cut on a curve in order to fit closely to the wearer's shoulder, and has five pockets rivetted on the front, each of which is designed to take 10 cartridges in two chargers. A small strap is fitted inside each pocket to secure the front charger after the back one has been removed (*see drawing on pages 931, 932*).

Belts, waist.—The waistbelt is a plain strap with a buckle and runner at one end and holes punched at the other, to enable it to be adjusted to the man's waist (*see drawing on pages 931, 932*).

Pockets, cartridge.—These are for use on the waistbelt. The 10-round pockets are similar to those attached to the bandolier, except that they are provided with a leather loop on the back for sliding them on to the waistbelt.

(524)

A

The 15-round cartridge pocket is rectangular in shape. It has a loop at the back for sliding on to the waistbelt, but has no securing strap inside. The three chargers are placed in the pocket in sandwich fashion, the centre one having the bullets point down. A brass dee is fitted to the back of the pocket to take the hook on the shoulder straps of the greatcoat carrier (see drawing on pages 931, 932).

Strap, greatcoat.—The “Strap, greatcoat,” is similar to the 1888 pattern, but is made of brown leather (see drawing on pages 931, 932).

Carrier, greatcoat.—The “Carrier, greatcoat,” is made of cotton web of the colour of the Service dress, and is fitted with brass loops, slides, and clips.

The shoulder straps of the carrier are fitted with brass hooks for hooking into the dees on the 15-round pockets on waistbelt. The short steadying strap at back has a brass hook for hooking into a ring on the cover of the mess tin (see drawing on page 930).

Cover, mess tin (see drawing on page 930).—The “Cover, mess tin,” is made of flax canvas of the colour of the Service dress. It is fitted with two leather loops at back for sliding on to waistbelt. A brass ring is attached to the top of the cover at the back into which the steadying strap of the greatcoat carrier is hooked. The cover is fastened by a button.

The Mark I. “Cover, mess tin,” was not published in *List of Changes*.

The waistbelts, greatcoat straps, and mess-tin straps of the valise equipment, patterns 1882 and 1888, will be used up, and the remaining articles of these equipments now in use withdrawn as issues of the new articles are made.

A brown leather waistbelt, and greatcoat strap, will be issued when the existing waistbelts, greatcoat and mess-tin straps, are worn out.

Haversack, G.S. (Mark I.)	.. | L |	Drab canvas; shoulder strap with loop and slide.
---------------------------	--------	--

19th Aug. 1903.

54

Gen. No.

9146

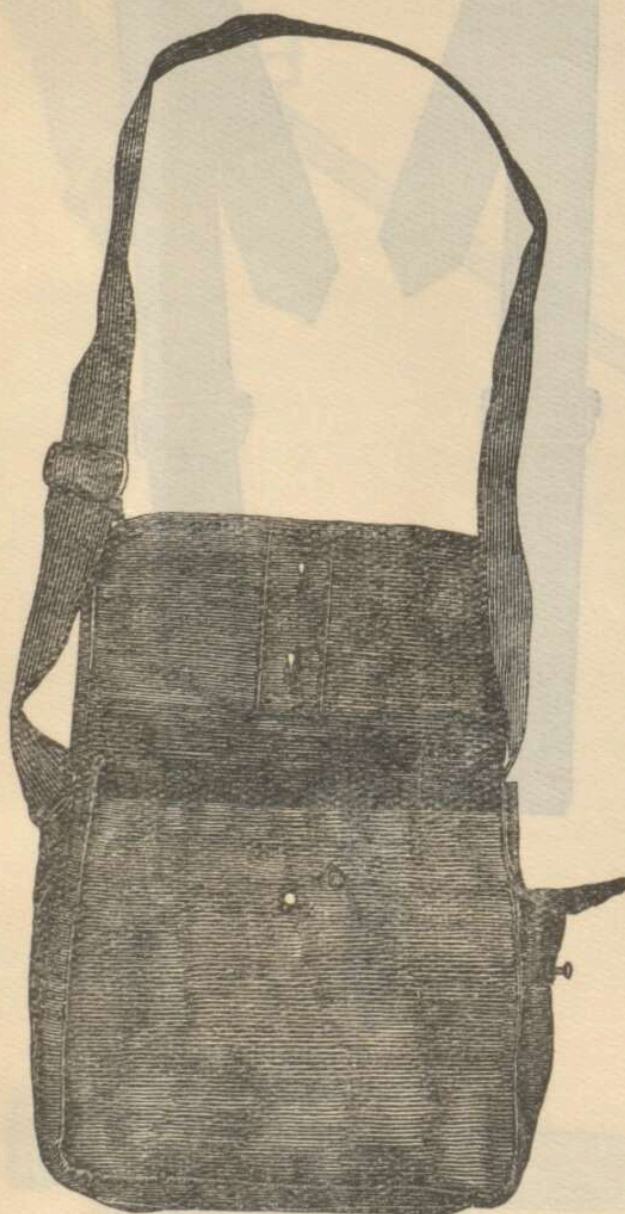
A pattern of the above-mentioned article (see drawing on page 929) has been sealed to govern future manufacture.

The haversack is made of drab-coloured canvas, and is fitted with a cotton web shoulder strap of the same shade of colour; the strap is 53½ inches in length and 2 inches in width, and is fitted with a brass loop and slide.

A small pocket with flap is attached to one side for the “emergency ration.”

929

Haversack, G.S. (Mark I.)

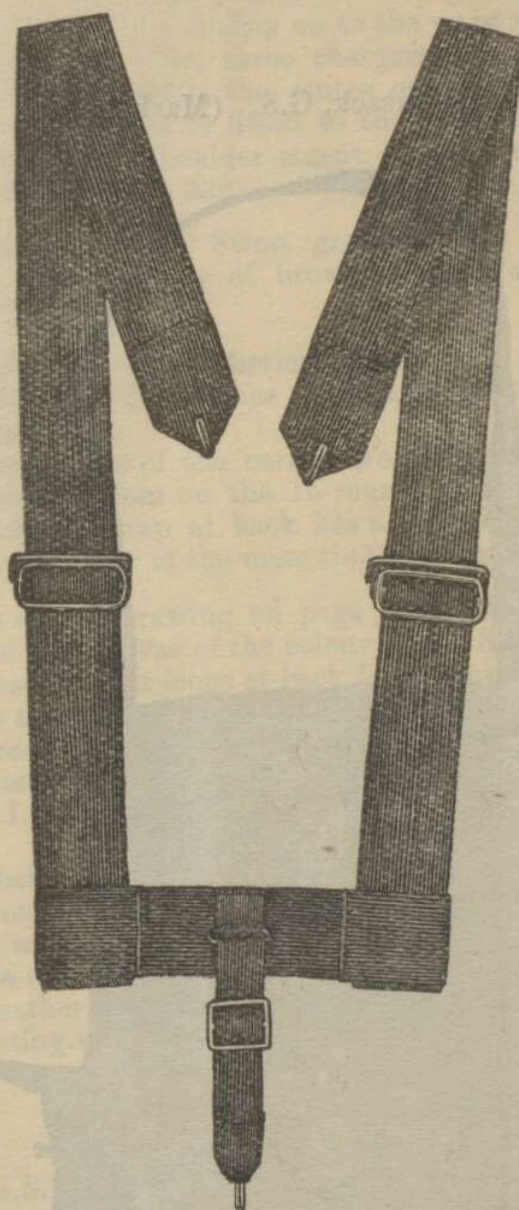


(524)

A 2

930

Carrier, greatcoat.



Cover, mess tin.



933

(WOOLWICH SECTION, No. 2.)

12390.—Axe, pick—

Helve, 36-inch, ferruled.

(Mark II.)

.. .. Straight.

A pattern of the above-mentioned helve has been sealed to govern future manufacture. 5th July 1904.

It differs from the "Helve, 36-inch, ferruled," mentioned in § 11661, in being fitted with one ferrule only, which fits into the eye of the pick head.

79

36

12391.—Bucket, water, G.S., canvas.

(Mark II.)

..

..

..

Web handle.

A pattern of the above-mentioned bucket has been sealed to govern future manufacture. 14th June 1904.

It is intended to supersede the "Bucket, water, G.S., canvas" (§ 9748), for both Home and Foreign Service. Existing stock of the latter will, however, be used up.

It differs from the previous patterns (§ 9748) in the following particulars, viz. :—

It is treated throughout by the "Willesden" or "Oriental" rot-proof process, and made of No. 1 sail canvas instead of No. 3.

57

Gen. No.

5544

(WOOLWICH SECTIONS, Nos. 3, 4, 13, 14, 15 AND 28.)

12392.—Vehicles.

Rear draught loops not to be fitted in future.

In future manufacture, vehicles will not be provided with rear draught loops. 26th March 1904.

71

1

3298

(WOOLWICH SECTIONS, Nos. 4, 13, 15 AND 28.)

12393.—Covers, cart and wagon.

To be of khaki-coloured waterproof canvas.

In future manufacture, the canvas covers for transport vehicles (except ambulance wagons) will be of khaki-coloured waterproof canvas. 11th Nov. 1903.

71

1

2920

(WOOLWICH SECTION, No. 13.)

12394.—Boxes, empty, mobilization stores—

No. 6. (Mark I.) .. L

Wood.

Saddlers tools, horse and field batteries.

No. 7. (Mark I.) .. L

Spare fittings, B.L. 12 and 15-pr. Marks II. to IV. guns; horse and field batteries.

No. 8. (Mark I.) .. L

Spare fittings, B.L. 5-inch howitzer; field batteries.

No. 9. (Mark I.) .. L

Spare fittings, B.L. 12 and 15-pr. Marks II. to IV. guns; ammunition parks.

27th Jan. 1903.

16th Oct. 1903.

54

Artillery

640

21st Dec. 1908.

57

3

1102

Patterns of the above-mentioned boxes have been approved to govern manufacture.

They are generally similar in construction to those mentioned in § 9479, and are intended to carry tools and spare parts for Royal Horse and Field Artillery in batteries and ammunition parks, as indicated above in details appended to nomenclature.

Dimensions, &c.

16th Dec. 1903.

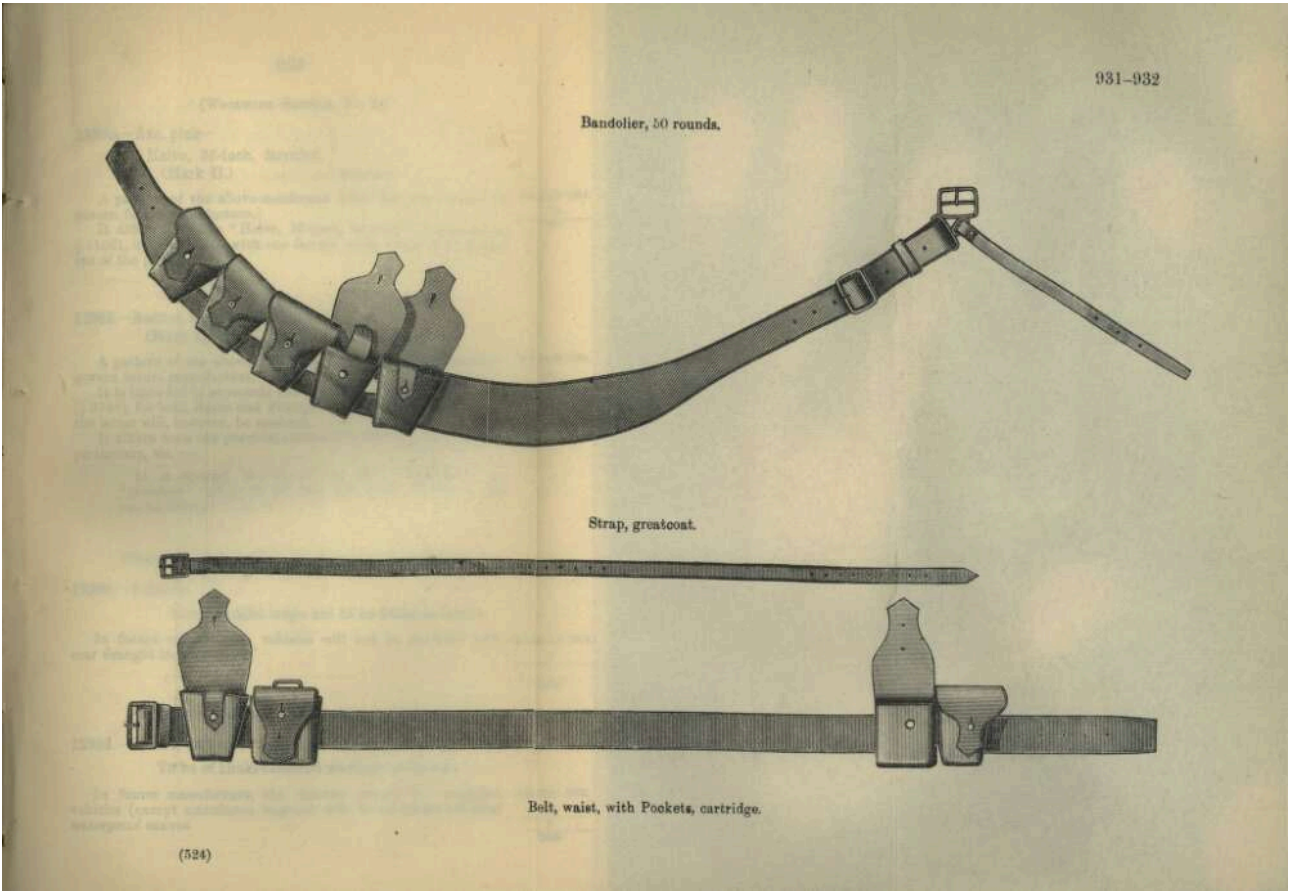
54

Artillery

1516

Boxes, mobilization stores.

	No. 6.	No. 7.	No. 8.	No. 9.
Weight (empty) ..	26 lb.	34 lb.	34 lb.	67 lb.
Dimensions in inches	26½ by 13⅝ by 9¼	26½ by 13⅝ by 9¼	26½ by 13⅝ by 9¼	37 by 13⅞ by 13⅝
Tonnage ...	·047	·047	·047	·099



935

(WOOLWICH SECTIONS, NOS. 13 AND 17.)

12395.—Ordnance, B.L., 15-pr.

(Mark V.)

L

Steel, 7 cwt., wire construction.

Carriage, field, B.L.,

15-pr. (Mark V.)

L

Steel; with four pockets (T tubes, breech brush, fuze key, and wire cutter), cap spring case, and traversing handspike No. 2, Mark III.

Handspike, traversing,

No. 2, with stud.

(Mark III.)

L

Steel, tubular; B.L. 15-pr. Marks IV. and V., and 12-pr. Mark II.

Extended use and nomenclature.

1. Eighteen B.L. 15-pr. Mark V. guns† (Register Nos. 1330 to 1347) and carriages have been passed into the Service, and the following particulars are published for the information of all concerned :—

Ordnance, B.L., 15-pr., Mark V.

The principal particulars relating to the gun are as follows :—

Material	....	....	....	....	steel (wire construction).
Weight (with breech fittings)	....	....	....	....	7 cwt. 1 qr. 12 lb.
Length (total)	....	....	....	....	94.55 inches.
Bore	{	calibre	....	....	3 inches.
		length	....	....	90 inches.
Chamber	{	diameter	{	largest	3.625 inches.
				smallest	3.2 inches.
	{	length	....	....	11 inches.
		system	....	....	polygroove, plain section.
Rifling	{	length	....	....	77.625 inches.
		twist	....	....	increasing from 1 turn in 50 calibres at breech to 1 turn in 25 calibres at muzzle.
		grooves	{	number	18.
				depth	.045 inch.
				width	.3291 inch.

† Original numbers, E.O.C. 13365 to 13382.

10th March 190

73

4

4267

The gun is made of steel, and consists of the A tube, around which are wound successive layers of steel wire extending over the chamber, and a portion of the bore. The jacket with trunnions is fitted over the exterior of the wire, and a portion of the A tube, and secured longitudinally by shoulders on the A tube, and a steel breech bush screwed into the jacket at the rear. The breech bush is prepared for the reception of the breech screw. Lugs for the attachment of the breech fittings and elevating mechanism are provided on the jacket.

The central portion of the chamber is cylindrical. The chamber is reduced in diameter at the front and rear.

A plane for clinometer is prepared on the upper surface of the jacket immediately behind the trunnions.

The Mark V. gun can be mounted on the following carriages, if required:—Marks I.*, I.**, and V.

Breech-closing mechanism.

The breech is closed by a parallel screw having three interruptions formed upon it, generally similar to that for the B.L., 15-pr. Mark I. gun (§ 8176).

A carrier supporting the breech screw is hinged by a bolt and link to the right side of the gun at the breech, the bolt and link being so arranged as to admit of lateral movement of the carrier hinge joint in opening and closing the breech. The breech screw is attached to the carrier by means of an interrupted screw thread on the carrier and interior of breech screw. The carrier is provided with a breech mechanism lever, actuating link, and sliding block, by means of which the breech screw is worked.

A recess in the outer face of the breech screw engages with a spring catch in the carrier, and retains the screw when in the unlocked position. The catch is automatically disengaged from the screw in closing the breech.

Obturation is obtained by means of an asbestos pad and protecting discs, generally similar to B.L. 15-pr. Mark I. gun (§ 8176), and a steel axial T vent passing through the centre of the breech screw, and secured by a spiral spring and nut.

Firing mechanism.

The firing mechanism is designed for friction firing with T-tubes.

A steel vent-head arranged for the reception of the T friction tube is attached to the outer end of the vent by means of interrupted collars, and is secured in position by means of a bolt and spiral spring. The T tube is released automatically from the vent, when the breech screw is unlocked, and is withdrawn by hand.

The firing lanyard may be pulled from either side.

Sighting.

The gun is sighted on the left side only.

The tangent sight is of steel, provided with a deflection leaf having a notch and small eyehole for rough and fine laying respectively, and a quick pitch traversing screw giving $1\frac{1}{2}$ degrees deflection. The sight bar is provided on the left side with teeth forming a rack, which gears with the pinion of the automatic clamp, and is graduated on the front face to 16 degrees reading to 5 minutes. The rear face is engraved with a yard scale to 5,800 yards for a muzzle velocity of 1615 ft.-secs. The clamp is secured in position in the gun by a set screw.

The foresight is generally similar to, but not interchangeable with, the Mark II. foresight for B.L. 15-pr. and 12-pr. guns (§§ 7259, 8495).

Telescopic sight.

Fitted to the left-hand trunnion is a bracket (§ 8532) for carrying the telescopic sight.

The sight used will be the Mark IV. (§ 10491), fitted with a yard scale drum graduated in accordance with the range table for B.L. 15-pr. Mark V. gun.

Four B.L. 15-pr. Mark V. guns (Nos. 1336, 1337, 1338, 1347) have been issued before being prepared for the reception of telescopic sights. These guns will be fitted with the above-mentioned bracket in accordance with instructions which will be issued from the War Office.

The following is a list of the fittings, appurtenances, and implements (exclusive of spare) issued with each gun:—

Component fittings.

Designation.	Details.	No.
Ordnance, B.L., 15-pr., Mark V.— Carrier	Bronze, with flat spring with fixing screw, bearing washer, and 2 lubricating screws; hinge bolt with lubricating ball, spiral spring and retaining nut, washer and keep pin; link hinge joint with axis pin, lubricating ball, spiral spring, and retaining nut; breech mechanism lever with axis pin, lubricating ball, spiral spring, re-	

Designation.	Details.	No.
Ordnance, B.L., 15-pr., Mark V.— Carrier (<i>continued</i>).	taining nut, and check screw; link breech mechanism lever, with keep pin, and lubricating screw; sliding block with axis pin for breech mechanism lever link, and check screw; link breech screw, with axis pin; catch retaining breech screw with spiral spring, and stop screw	1
Discs, pad, obturating— Adjusting	Steel	2
Protecting— Front	Copper, with steel ring	1
Rear	Copper, with steel ring	1
Head, vent	Steel, with guide bolt in two parts, with keep pin, and spiral spring..	1
Screw, breech,	Steel, with lubricating screw	1
Vent, T axial	Steel, with spiral spring, and nut ..	1
<i>Appurtenances and implements.</i>		
Bit, vent, 14-inch	Steel, diameter 15-inch; all B.L. guns and howitzers having T axial vents	1
Clamp, tangent sight, automatic, B.L., 15-pr., Mark V. gun	Bronze	1
Rimer, vent, T	Bronze, for T vents	1
Sights, B.L.— Fore, 15-pr., Mark V. gun	Bronze	1
Tangent, 15-pr., Mark V. gun	Steel	1
Telescopic, 15-pr., Mark V. gun, left, Mark IV.	Steel, and bronze, with leather strap; in leather case	1
Wrench, breech mechan- ism, B.L., 15-pr., Mark V. gun	Steel	1

Carriage, field, B.L., 15-pr., Mark V.

The carriages supplied with the above guns are Nos. 12538 to 12555.

The carriage is generally similar to the 15-pr. Mark IV. (§ 10479), but differs principally in the following particulars:—

The elevating gear is similar to that of the 15-pr. Mark III. carriage (§ 9425).

Each brake block of the brake gear is supported by a forked arm with a spindle to take the brake shoe; the right actuating rod is provided with a cross piece for a handle (instead of being cranked); the left actuating rod is fitted with a spiral spring (in place of disc springs); and the rocking lever is in two parts.

The axletree seats are not provided with boxes for carrying the ammunition.

The axletree is 2nd class, "C," No. 48, and Service pattern wheels are used.

The dimensions of the carriage are the same as the 15-pr., Mark IV. (§ 10479).

Weight of carriage without stores—10 cwt. 3 qrs. 24 lb.

Marks III., IV., and V. 15-pr. B.L. guns can be mounted on Mark V. carriages.

Limbers and wagons.

The Service 15-pr. B.L. limbers and wagons will be used with these guns.

Ammunition.

The Service 15-pr. B.L. ammunition will be used with these guns, but owing to the greater length of the bore, there is a slight difference in muzzle velocity, and consequently in range, so that a special range table is necessary.

A special supplement to the handbook will be issued with these guns to all concerned.

Handspike, traversing, No. 2, with stud, Mark III.

2. The use of the No. 2 Mark III. handspike having been extended to B.L. 15-pr. Mark V. carriages, the details appended to nomenclature of the handspike have been amended as shown above.

(WOOLWICH SECTION, No. 14.)

12396.—Carriage, garrison, B.L.,
4-inch, Vavasseur,
Mark I. L

Stores required for electric-firing gear (§ 11612).

1st Sept. 1902

71
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2109

The list of stores required for fitting electric-firing gear to carriages of the above-mentioned description is as shown below and not as detailed in § 11612, page 221, which will be amended accordingly.

Stores per carriage.

	No.
+Box, battery—wood	1
+Bracket, supporting, battery box—steel	1
Cables, B.L., 4-inch, Vavasseur, Mark I.—	
No. 1—with McEvoy key (length of 9 feet)	1
No. 2—(length of 9 feet)	1
Cells, electric, Leclanché, "A," Mark III.	2
Cord....	1
+Screws, hexagon head—	
$\frac{1}{2}$ inch by $1\frac{1}{8}$ inches	1
$\frac{1}{2}$ inch by $\frac{5}{8}$ inch	2
+Strips, copper (connecting terminals)	2
+Terminals	2

NOTE.—Stores marked thus + to be provided locally if possible.

12397.—Gear, sighting, auto-
matic and rocking-
bar—

Q.F., 4·7-inch, C.P. . . L
Q.F., 12-pr. . . . L } Combined.

Gunmetal error-of-day scale rings to be
exchanged for rings of crown metal.

12th April 1904.

73
4
4562

9th July 1904.

57
Chatham
5806

With reference to § 11174:—The gunmetal error-of-day scale rings of the sighting gear on Q.F. 4·7-inch and 12-pr. garrison carriages, will be replaced by rings of crown metal with black markings.

941

This service will be carried out locally, in accordance with instructions detailed below, for which purpose one "Ring, error-of-day scale," of crown metal, per carriage, will be supplied to officers concerned on demand.

In demands the following particulars must be stated :—

- (1.) Name of the station.
- (2.) Number of the emplacement.
- (3.) The registered number of the sight.
- (4.) The nature and "Mark" of the carriage for which the ring is required.

Instructions.

Remove the existing ring, and drill a hole for the securing screw in the ring supplied, so that when fixed in position by the screw the markings on new ring will occupy exactly the same position in relation to the sight as those on the gunmetal ring. The existing securing screw will be used to secure the crown metal ring.

The gunmetal rings will be brought to produce locally.

(WOOLWICH SECTION, No. 15.)

12398.—Carriages, field, machine gun—

Cavalry or Mounted	
Infantry, Maxim,	
'303-inch, Marks	
I. to II.	L
Infantry, Maxim,	
'303-inch, Marks	
II. and III.	L

Limber, field, machine	
gun, Cavalry or	
Mounted Infantry	
Maxim, '303-inch,	
Mark I.	L

"Shovels, G.S.," to replace "Spades, N.P."

It has been decided that the "Shovel, G.S." (§ 10443), shall

7th Sept. 1903.

57

Gen. No.

2824

replace the "Spades, N.P.," on vehicles of the above-mentioned description in the 1st, 11nd, and 111rd Army-Corps.

Officers concerned will put forward demands for G.S. shovels to replace "Spades, N.P." on their charge, and on receipt will have the fittings adjusted to carry the G.S. shovel.

The adjustment of fittings will be carried out locally in accordance with the instructional prints detailed below, which, together with the undermentioned stores, will be supplied to officers concerned on demand.

On receipt of the G.S. shovels, the "Spades, N.P.," will be returned to store.

Stores required.

	Limber, field, machine gun, Cavalry or Mounted Infantry, Maxim, ·303-inch.	Carriage, field, machine gun, Maxim, ·303-inch.	
		Infantry, Marks II. and III.	Cavalry or Mounted Infantry, Marks I., I.*, and II.
(Woolwich Section, No. 10.)			
Screws, iron, round head, 1-inch, gauge No. 12 .. .. .	..	..	8
(Woolwich Section, No. 13.)			
Rivets, steel, bosshead, $\frac{3}{16}$ inch by $\frac{3}{4}$ inch	6	..	..
Straps, securing, 1 inch by 22 inches .. .. .	..	2	..
(Woolwich Section, No. 15.)			
Loops, shovel, leather, $13\frac{1}{2}$ inches by 2 inches by $\frac{1}{4}$ inch thick ..	..	..	2
Plate, guard, shovel, near ..	1	..	..
Plate, guard, shovel, off ..	1	..	..
Washers, leather, $\frac{5}{8}$ inch diameter ..	..	..	8*
Instructional prints, R.C.D. Nos.	1155	1141	1117

* To be obtained locally.

Existing straps will be used as far as possible, any not required being returned to store.

943

12399.—Ordnance, Q.F., 1-pr.
(Mark I.) L

Changes in nomenclature of certain parts.

With reference to § 12202 :—The cancellation of the nomenclature in § 10949 applies only to those parts, the nomenclature of which is altered by § 12202.

1st Sept. 1904.

73

4

4926

12400.—Wrench, pivot, No. 12.

(Mark I.) L

Steel; arc elevating,
plunger controlling,
air and filling plugs;
Q.F. 4·7-inch travelling.

A drawing (R.C.D. No. 9241A) of the above-mentioned pivot wrench has been sealed to govern manufacture.

11th July 1901.

71

1

1352

The wrench is used for fixing and removing the components of Q.F. 4·7-inch travelling carriages (§ 10938), as indicated above in the details appended to nomenclature.

(WOOLWICH SECTION, No. 16.)

12401.—Ordnance, Q.F.—

6-inch B, and Q.F.C.

6-inch—

Carrier. (Marks

I.**, II.*, and

III.) C

4·7-inch B, and 4-inch

Mark III.—

Carrier. (Marks

I.**, II.*, and

III.) C

12-pr. 18 cwt.—

Carrier. (Mark I.) N

12-pr. 12 and 8 cwt.—

Carrier. (Marks

I.**, II.*, and

III.) C

Portion of § 10885 cancelled.

Existing carriers of the above-mentioned description in which the check screws of the securing screw for safety stop are of the

19th Aug. 1904.

73

4

4890

modified pattern described in § 10885 will be altered immediately as follows :—

Carriers having safety stops in which the original holes for check screws (§ 9226) exist, will have the modified pattern check screw (§ 10885) removed, and replaced by the check screw mentioned in § 9226. Where the original holes for check screws do not exist, the modified pattern check screws (§ 10885) will be replaced by check screws not having any portion of the head cut away.

The check screws required to carry out the above alteration will be made locally where facilities exist, or they may be demanded from store in the proportion of 1 per safety stop. It should be distinctly stated in demands whether the check screws are for original position (§ 9226), or modified pattern without head cut away.

That portion of § 10885 which refers to modified pattern check screws for safety stops, belonging to carriers of the above-mentioned description, is hereby cancelled.

12402.—Ordnance, Q.F., Hotchkiss :—

6-pr.—

Extractor.

(Mark II.)

C

Steel.

3-pr.—

Extractor.

(Mark II.)

C

Steel.

Recess to be cut in breech face of A tube and jacket to suit strengthened extractor.

14th April 1904.

57

Chatham

5104

In future manufacture, extractors for Q.F. Hotchkiss 6-pr. and 3-pr. guns, respectively, will differ from the Mark I. pattern (§§ 5008, 5134, 6283, 6555, 9558, 9842) in being made thicker at the inner end, or "claw" portion, which engages with the head of the cartridge in the gun.

Such extractors will be described as "Mark II.," as shown above, and will be so stamped.

Existing Q.F. Hotchkiss 6-pr. and 3-pr. guns will be fitted with the Mark II. extractor in accordance with the under-mentioned instructional prints, which, with the necessary Mark II. extractors, will be supplied to officers concerned on demand.

945

The work will be carried out as follows :—

Land Service.—Locally, by Army Ordnance Department.

Naval Service.—Locally at depôts, in accordance with Admiralty letter, dated 22nd June, 1904, G. 8499/10688.

Instructional prints (as required).

	Ordnance, Q.F., Hotchkiss.	
	6-pr.	3-pr.
R.G.F./10951/34	1	..
R.G.F./10819/24 .. .. .	..	1

12403.—Ordnance, Q.F., Hotchkiss, 3-pr., Mark I.—
Trigger guard,
electric. (Mark I.) L

Strengthened trigger (Part II.).

With reference to § 10703 :—In future manufacture, triggers (Part II.) for use with the above-mentioned electric trigger guards will be of a strengthened pattern.

Existing triggers (Part II.) will be replaced locally by the strengthened pattern, for which purpose officers concerned will put forward demands for the strengthened trigger (Part II.) in the proportion of 1 per gun.

Existing triggers (Part II.) when replaced by the strengthened trigger described above, will be brought to produce locally.

1st March 1904.

73

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4648

12404.—Ordnance, Q.F., Nordenfelt—

Hammer. (Mark I.) C

Handled, 1½ lb., 6-pr. and 3-pr.

To become obsolete.

With reference to §§ 5009, 5461, 6284, 6495, 7629 :—No more of the above-mentioned hammers will be provided, and so soon as the existing stock has been used up, "Hammers, fitters', 24-oz." (§ 8125), will be issued in lieu in the spare part boxes for Q.F. Nordenfelt 6-pr. and 3-pr. guns.

17th Aug. 1904.

73

4

4904

(524)

B

(WOOLWICH SECTION, No. 18.)

12405.—Rammer, B.L., or Q.F.,
15-pr., and B.L., 12-
pr. (Mark I.) L Wood; for guns on Mark
III. B.L. 12-pr., Mark
IV. B.L. 15-pr., and
Q.F. 15-pr. carriages.

1. Extended use.

Rammer, Q.F., 15-pr. .. | L |

2. No more to be provided.

31st March 1904.

71
1
3344

1. In future, the B.L. 12 and 15-pr. rammer (§ 11013)* will be used with the guns on 15-pr. Q.F. carriages (§ 10726). The nomenclature, and details appended thereto, of the rammer have therefore been amended as shown above.

2. No more Q.F. 15-pr. rammers will be made, and so soon as the existing stock is used up, that pattern will become obsolete.

(WOOLWICH SECTION, No. 21.)

12406.—Gunpowder, P | C |

Distinguishing marks for lots of repaired gunpowder.

13th Sept. 1904.

74
2
683

As the last letter of the alphabet has now been reached in marking lots of repaired "P" gunpowder, in future marking the distinguishing letter will be followed by a numeral, *e.g.*, A 1, B 1, &c.

(WOOLWICH SECTION, No. 22.)

12407.—Implements, fuze, shell,
and cartridge—

Driver, screw,
shrapnel, large.
(Mark III.)* C

Phosphor bronze; with
wood handle; rifled
and diaphragm.

New blades to be fitted to Mark III. screwdrivers.

16th March 1904.

57
Gen. No.
5174

With reference to § 5200 :—Existing Mark III. screwdrivers will be fitted with new blades approximating to that of the Mark IV. screwdriver (§ 7717).

This service will be carried out under arrangements to be made by the Principal Ordnance Officer, Woolwich.

When so altered, the Mark III. screwdrivers will be distinguished by the addition of a star (*) to the numeral as shown above.

947

12408.—Tubes, friction, T.
(Marks I.** , II.** ,
III.* and IV.*).. .. L

1. Fired T tubes to be fitted with new shanks, &c.

2. Certain existing filled T tubes to be used up for blank ammunition.

1. In future, the serviceable bodies of all fired "Tubes, friction, T," will be repaired, when passing through the Ordnance Factories, as required for use with Service charges only, by having new shanks fitted, and filled, and the heads refitted with new friction wires.

28th Dec. 1903.

75

7

8143

Marks I. and II. will, previous to being repaired as above, be altered to conform to Marks I.* and II.* in accordance with § 9573 and § 9520 respectively.

13th Feb. 1904.

7614

4780

Marks I.,* II.,* III. and IV. tubes will, when fitted with new shanks and friction wires, be known as Marks I.,** II.,** III.* and IV.* respectively, as shown above.

2. The existing stock of filled T tubes will be used up as follows:—

Marks III. and IV. with Service ammunition.

Marks I., I.,* II. and II.* with blank ammunition.

12409.—Tubes, friction, T for
blank—

Adapter. (Mark I.) L Brass, in two parts.

Tube, copper.

(Mark I.) L Solid drawn.

1. New patterns.

Tubes, friction, copper,
solid drawn, without
ball. (Mark I.) .. L

28th Oct. 1903.

75

7

7602

2. Extended use.

Tubes, friction, copper,
solid drawn, special.
(Mark I.) L

18th Dec. 1903.

18th Jan. 1904.

8151

3. No more to be provided.

1. Patterns (designs R.L. 11438B (1)/2 and 11438B (1)/1 of

13th Feb. 1904.

7614

4780

the above-mentioned adapter and copper tube have been sealed to govern manufacture for Land Service, for use with B.L. guns and howitzers having T vents, when firing blank ammunition.

These adapters and tubes will not be issued for blank firing until the the existing stock of Service filled T tubes of Marks I, I*, II., and II.* have been used up for this purpose in accordance with § 12408.

The adapter is made of brass in two parts, viz.—Head, and screwed stem. The head is generally similar in shape to the head of the service T friction tube, and is recessed to receive the head of the copper tube.

The tube is similar to the "Tube, friction, copper, solid drawn, special, Mark I." (§ 8316), except that it has a slightly larger loop. The length of the tube is 1·89 inches (maximum).

The tube is retained in position in the adapter by the screwed stem being placed over the body of the tube and screwed into the head of the adapter.

2. In future "Tubes, friction, copper, solid drawn, without ball, Mark I." (§ 5371), will be used for firing powder puffs by R.H.A. and R.F.A. (§ 6429), instead of "Tubes, friction, copper, solid drawn, special, Mark I.," as hitherto.

3. Consequent upon the adapter and tube described at 1 being used with B.L. 15-pr. Mark I. radially-vented guns, and the extended use of the tube mentioned at 2, no more "Tubes, friction, copper, solid drawn, special, Mark I." (§ 8316), will be provided, and so soon as the existing stock of the latter is used up they will be regarded as obsolete.

(WOOLWICH SECTION, No. 23.)

12410.—Cartridge, aiming rifle,
1-inch electric, blank.
(Mark I.) L

29th Jan. 1904.

57

Portsmouth

5695

A drawing (R.L. 13233) of the above-mentioned cartridge has been sealed to govern manufacture for Land Service.

The cartridge consists of the Service charge (§ 7605) and the Morris pattern case and primer (§ 9517), the charge being covered by two asbestos discs, which are coated with Pettman cement on the top and edges.

The mouth of the case is turned in.

Fired cases of Mark IV.M pattern may be used for making up these cartridges, the original numeral and contractor's initials, (if necessary), being barred out, and the new numeral and initials substituted.

12411.—Cartridge, S.A., ball,
 '303-inch, cordite,
 Mark VI. C Solid case; all '303-inch
 small arms and ma-
 chine guns.

A pattern of the above-mentioned cartridge has been sealed to govern future manufacture. 29th Jan. 1904.

It is generally similar to the Mark II. cartridge (§§ 7278, 11397), but differs therefrom in the distribution of metal in the cupro-nickel envelope of the bullet, which is to design R.L. No. 10781. 1st March 1904.

The exterior dimensions, weight, and packing of the complete cartridge are unaltered.

(WOOLWICH SECTION, No. 24.)

12412.—Cylinder, No. 6. (Mark I.) C Tin; 8 lyddite exploders;
 for Inspecting Ordnance
 Officers.

A pattern (design R.L. 12244 (1)) of the above-mentioned cylinder has been sealed to govern manufacture for the use of Inspecting Ordnance Officers. 30th Oct. 1902.

The cylinder, which is painted yellow, is provided with a lid having a groove on the inside, which is filled with luting and secured by a tape band and shellac.

The cylinder is a conveniently closed package for the carriage of "Exploders, lyddite shell," when a small number is required for replacing those taken for moisture test. At forts, &c., where no laboratory exists the cylinder may be used for packing the exploders removed from shell for moisture test. The instructions on the label should be strictly adhered to, and the cylinder reclosed with tape band and shellac.

For transport purposes, three of these cylinders may be packed in a "Cylinder, ammunition, half barrel" (§ 3240).

Dimensions.

	inches.
Length (maximum)	18.175
Diameter (maximum)	3.15

12413.—Models, points, armour-
 piercing projectiles—

For guidance of Inspect-
 ing Ordnance Officers.

No. 1 C All calibres.

No. 2 C 8-inch and below.

No. 3 C 9.2-inch and above.

Patterns of the above-mentioned models have been approved

4th Feb. 1904.

9th April 1904.

75

123

4106

to govern supply to Inspecting Ordnance Officers, for guidance in sentencing armour-piercing shot and shell which have damaged points.

Projectiles with points which are not damaged to a greater extent than the model points will be considered "serviceable."

Those with points which have sustained greater damage than is shown on the model points will be sentenced for practice, unless, in the opinion of the Inspecting Ordnance Officer, such projectiles are not suitable for practice.

A complete set comprises Nos. 1, 2, and 3 models, and will be supplied, as required, to Inspecting Ordnance Officers on demand.

(WOOLWICH SECTION, No. 25.)

12414.—Couch, examination. (Mark

I.) For family hospitals.

Couch, invalid. (Mark I.) .. Wheeling, with cushion.

4th Feb. 1904.

57

Gen. No.

4274

22nd April 1904.

5477

Patterns of the above-mentioned articles have been sealed to govern supplies.

The "Couch, examination," is a table-like structure, upholstered on the top in leather cloth, is flock and fibre stuffed, hair cased, and stands on four turned legs.

The "Couch, invalid," consists of a flat frame, similarly upholstered and stuffed, and an adjustable head to which the handle is attached, the structure being arranged on three rubber-tired wheels.

A small detachable cushion is also supplied with this couch.

(WOOLWICH SECTION, No. 26.)

12415.—Machine, weighing, 28-lb.,

spring balance. (Mark I.) With pan and arm.

17th June 1904.

57

Gen. No.

5337

A pattern of the above-mentioned machine has been sealed to govern future manufacture. It will supersede the "Machine, weighing, steelyard, 28-lb." (§ 5312), and also the "Machine, weighing, without weights, 28 lb.," shown on page 1255 of the Priced Vocabulary of Stores.

The machine is on the principle of the spring balance, except that it is made with a stand instead of being suspended, and is fitted with a cross arm and pan.

The arm is made to unscrew for the purpose of storage or transport, but care must be taken to keep each arm and pan to its own machine.

The face of the dial is also fitted with a cover for the protection of the hand when the machine is not in use.

951

(WOOLWICH SECTION, No. 27.)

12416.—Packsaddlery, Artillery—

Breeching	Leather, with hip strap.
Collar, breast	Leather, with neckstrap.
Crupper	Leather, with metre strap.
Pannels, B.L. or Q.F., pair	Leather, with strap.
Strap, girth	Metre, 24 inches by 1½ inches, with toggle.
Strap, surcingle	28 inches by 1½ inches, metre, with toggle for gun, carriage, and axletree saddle.
Strap, overall	129 inches by 3 inches, with two buckles, ammunition saddles.
Surcingle	For gun, carriage, and axletree saddle.

Nomenclature.

Consequent on the adoption of "Packsaddlery, Artillery, R.M.L., 2·5-inch" (§§ 4904 and 5999), for B.L. 10-pr. and Q.F. 2·95-inch; also the "Pannels, B.L., 10-pr." (§ 11402), for the Q.F. 2·95-inch, the nomenclature of the articles and detail has been amended to read as above.

18th Aug. 1904.

54

Artillery

1900

(WOOLWICH SECTION, No. 28.)

12417.—Apparatus, position finding—

Position-finders, A,	
B, C, E, F, G ..	L

Abolition of name plate.

In future the above-mentioned instruments (§§ 8061, 8322, 8845, 9114, 9819, 9821, 10278, 10904, 10965, 11144, 11244, 11703) will not be supplied with name plates. Those instruments already supplied with name plates will retain them, so long as the information engraved upon the name plates remains accurate.

6th Sept. 1904.

73

14

81

952

NAVAL.

(SECTION II.)

12418.—Ordnance, Q.F., 4·7-inch,
 A—
 Screw, breech.
 (Mark I.*) N

Repair to end plate of Mark I. breech
 screws.

16th Aug. 1904.

73

4

4903

A drawing (R.G.F./10830/100) has been approved to govern the repair of Mark I. breech screws for Q.F. 4·7-inch A guns in which the upper end of the end plate, which engages the tappet ring in closing the breech, has become worn.

The repair consists in fitting a steel block to the end plate, by means of a dovetail and screwed rivet, so as to restore the end plate to its original shape and dimensions. The end plate will also be reduced in thickness on the inner side by not more than ·01 inch to compensate for wear.

This repair will be carried out when the guns are passing through Ordnance Factories.

When repaired as above the breech screws will be described as Mark I.*, and will be so stamped.

(SECTION V.)

12419.—Boxes.

Cases.

Chests.

Packages in Naval Service, painted either khaki or stone colour, to have the letter "N" painted in black.

20th April 1904.

57

Gen. No.

5389

With reference to § 8157 :—In future, such boxes, cases, and chests in Naval Service as are painted either khaki or stone colour will have the letter "N" (which is cut or branded on them) painted in black, instead of red as hitherto.

953

12420.—Gauge, shell, B.L., 7·5-
inch, body. (Mark I.) N or shot; ring, wrought
iron, 7·48 inches.

A pattern of the above-mentioned gauge has been sealed 26th Feb. 1904,
to govern manufacture for Naval Service.

This gauge will be used for all 7·5-inch B.L. projectiles

75

12

4803

By order of the Army Council,

E. W. D. Ward

WAR OFFICE,

1st October, 1904.

ERRATA.

- § 8070. Page 410, Vol. XVIII.—
Ninth line from bottom of page—
For "35," *read* "× 15."
- § 10657. Page 262, Vol. XXI.—
Line 10—
For "body of the box," *read* "cover."
- § 12031. Page 600, Vol. XXII.—
Instructions. Paragraph 3, fourth line—
After "cordite bundle."
Insert "The gunpowder igniters, when removed, will be destroyed locally by drowning."
- § 12273. Page 827, Vol. XXII.—
For "Straps, cloak, pattern 1884. (Mark II.),"
Read "Straps, cloak and wallet, pattern 1884. (Mark II.)."
- § 12283. } Page 833, Vol. XXII.—
§ 12284. } Pedestal, carriage, No. 2, Mark II.—
Details appended to nomenclature should read—
"Cast iron; without holdfast, with three raising screws; B.L.
6-inch C.P. Marks I., II., IV. and IV.*; Q.F. 6-inch
Marks I. and II.; and 4·7-inch Marks III. and III.*"
- § 12290. Page 838, Vol. XXII.—
In first line of text—
For "(R.G.F./10982/24)," *read* "R.G.F./10982/11)."
- § 12316. Page 856, Vol. XXII.—
Line 8—
For "single pointed," *read* "single jointed."
- § 12319. Page 857, Vol. XXII.—
Lines 2, 3, 6, 7, 12, 13 and 17—
For "double pointed," *read* "double jointed."
- § 12337. Page 871, Vol. XXII.—
Line 12—
For "Nails," *read* "Tacks."
- § 12340. Page 873, Vol. XXII.—
Instructions. Sub-paragraph (2), first line—
For "angle steel pieces," *read* "angle pieces."
- § 12356. Page 898, Vol. XXII.—
§ 12356 should be *under* Woolwich Section, No. 16.
- § 12358. Page 902, Vol. XXII.—
§ 12358 should be *under* Woolwich Section, No. 15.
- § 12374. Page 915 Vol. XXII.—
§ 12374 should be *under* Woolwich Section, No. 25.
- § 12377. Page 916, Vol. XXII.—
Line 19—
For "§ 6977," *read* "§ 8977."

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